SECURITY INFORMATION

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NFORMATION REPORT

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The Karpov Institute, Moscow, USSR

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The Karpov Institute is located at Obusha Street No 10, on the south side of the street, in the Molotovskij district of Moscow. It is designed for chemical research exclusively, and is directly subordinate to the Ministry of Chemical Production. The Institute is staffed by scientists and their aides. Most of the scientists hold the title of "Professor". They are classified as "scientists with a laboratory" and "scientists without a laboratory", and their salaries are dependent upon their status. Those in the first category draw Rubles six thousand per month, while those in the second category draw only Rubles four thousand. Many of the scientists employed at the Institute hold other positions, either as teachers at the University or as planners and supervisors of industrial chemical production. Their daily schedule, which is posted on the main bulletin board of the Institute, is arranged in such a manner as to permit outside employment. The scientists receise extra pay for these outside jobs.

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- The Institute consists of two main buildings which are utilized for chemical research, the "Upper Korpus" and the "Lower Korpus". The "Upper Korpus" is a building about 40 m long and 10 m wide. It has three stories and a basement, which is also used for laboratories and scientists' offices. On the third floor of the building are the offices of the First Department, including the security files and archives.
- The "Lower Korpus" is a two-story building about 58 m long and 12 m wide. It is a more modern structure than the "Upper Korpus"; I would estimate that it was erected in the 1920's. It also has a basement containing laboratories and offices. On the first floor is the library

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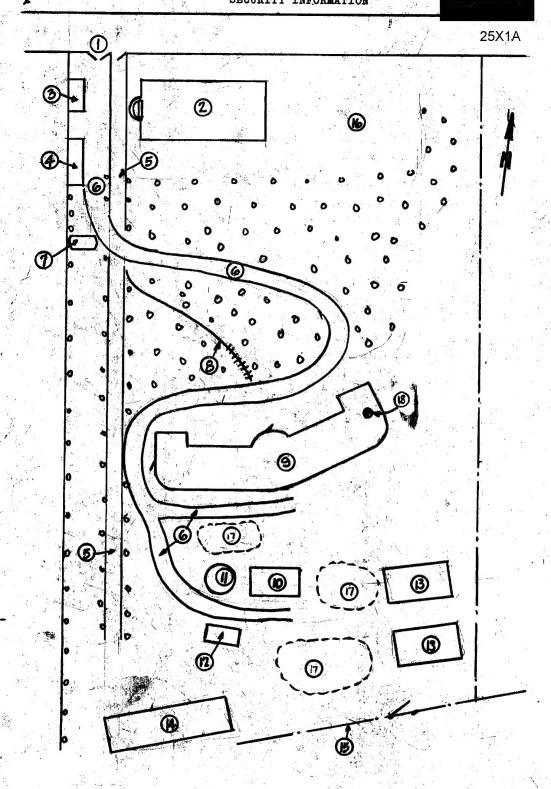
of the Ministry of Chemical Production. In the stairwell of the extreme east wing the Bitterfeld Column for the production of heavy water was erected. It was partitioned off from the rest of the wing. Only the top of the column could be seen, projecting about five m above the roof of the building.

- Several other buildings are located in the southern part of the compound. The one-story buildings in the southeast part of the compound are the carpenter shop, the forges, and the repair shops. The brick one-story building in the southwest part of the compound is the building in which the 700 atmosphere installation for the production of heavy water was located. West of this building was a gas tank in which the hydrogen for the heavy water installation was stored.
- To the south, the Karpov Institute borders on the compound of the GIAP (Institute for Nitrogen Production); a stone wall separates the two compounds. The gate in this stone wall is usually locked.

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Enclosures:

- (A) Site Layout of the Karpov Institute (B) Basement of "Upper Korpus"
- (C) First Floor of "Upper Korpus"
- (D) Third Floor of "Upper Korpus"
- (E) Basement of "Lower Korpus"
- First Floor of "Lower Korpus"
- (G) Second Floor of "Lower Korpus"



ENCLOSURE (A)

Part 1 Site Layout of the Karpov Institute

- 1. Entrance gate
- 2. Upper "Korpus" (the old building of the Institute)
- 3. Checking point and guard
- 4. Wooden sheds, serving as storage for chemicals
- 5. Sidewalk
- 6. Driveway for automobiles
- 7. Storage tank for liquid air (possibly oxygen)
- 8. Footpath
- 9. Lower "Korpus" (the new building of the Institute)
- 10. Stone building, in which the 700 atmosphere heavy water plant is housed
- 11. Gasometer for the 700 atmosphere heavy water column
- 12. Small stone building, purpose unknown
- 13. Work shops (carpentry, plumbing, welding, etc)
- 14. Living quarters for employees of the Karpov Institute
- 15. Enclosing wall; complete boundaries unknown
- 16. Wood storage
- 17. These areas are used for refuse and dumping
- 18. The Bitterfeld Column in the Lower "Korpus"

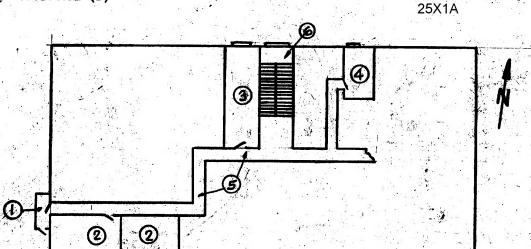
ENCLOSURE (A)

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Part 2 Legend



ENCLOSURE (B)



Karpov Institute, Upper "Korpus", Basement

- 1. Winter entrance with storm screen
- 2. Storage room for chemicals
- 3. Laboratory occupied in by Froehlich and Jochinke
- 4. Laboratory occupied in by Geib
- 5. Narrow corridors

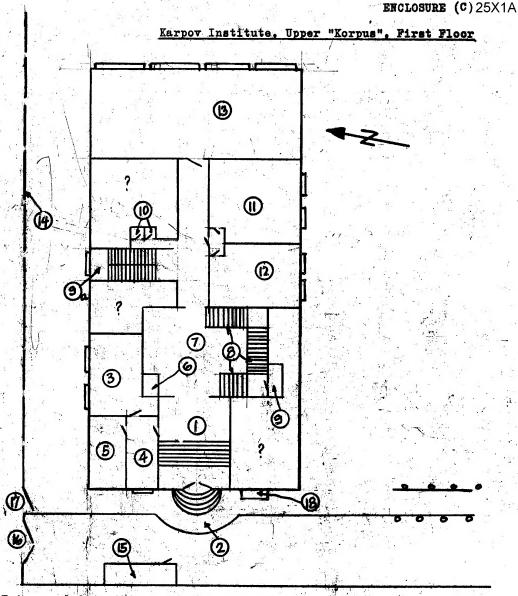
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6. Staircase to the first floor.

ENCLOSURE (B)





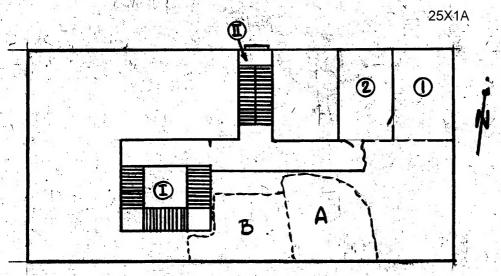
- Entrance hall with steps leading up from the main entrance
- 2. Main entrance
- 3. Office of the Director of the Institute (until Zhavoronkov)A
 4. Antercom of the Director of the Institute; Lustgarten was in charge here
- Office of Shutikov, Deputy Director Treasury and Economy Department
- Cashier's window
- 7. Hall and stairwell
- 8. Staircase to the upper floors
- Office of the Housekeeper 9.
- Staircase from the basement and leading to the second floor 9a.
- 10. Toilets
- Reading room of the library
- 12. Library

- 13. Lecture room14. Iron picket fence15. Guard room and checking station
- 16. Driveway into the compound
- Entrance for pedestrians
 Entrance to the basement

NOTE: The question mark indicates rooms whose purpose is unknown to source.

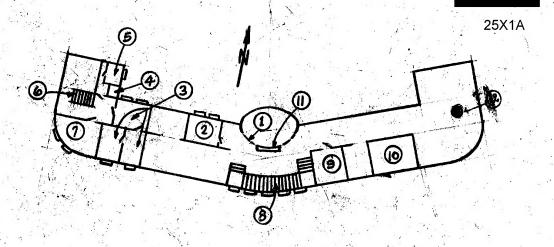
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- 1. Office of the First Department
- 2. Outer office of the First Department (only entrance to the inner office)
- A. Approximate location of the living quarters of Prof Zhuchovitski
- B. Approximate location of the workrooms and laboratories of Prof Zhuchovitski
- I Staircase leading to third floor and attic
- II Staircase on north side

ENGLOSURE (D) Karpov Institute, Upper "Korpus", Third Floor



- 1. Ellipsoid Room enclosed with chicken wire used for storage
- 2. Basement room. Dr Andreas kept his bench scale equipment in this room.
- 3. Workrooms of Prof Borieskov
- 4. Toilet

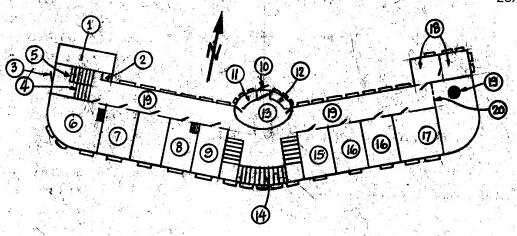
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- 5. Office of Bespalov, the head mechanic
- 6. Stairs to first floor
- 7. Electricians' shop
- 8. Center stairs to first floor
- 9. Workroom of Prof Borieskov
- 10. Living quarters of maintenance crew
- 11. Master switch and fuses for the entire building
- 12. The Bitterfeld heavy water column

ENCLOSURE (E) Karpov Institute, Lower "Korpus", Basement



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Karpov Institute, Lower "Korpus",

First Floor

- 1. Workroom and study of Prof Zhdanov
- 2. Toilet
- 3. Side entrance
- 4. Stairs from entrance to hall
- 5. Stairs to the second floor
- 6. Laboratory of Prof. Borieskov. This laboratory used by Schmidt and

 Kosterhon in 25X1A
- 7. Office of Prof Zhdanov
- 8. Laboratory of Prof Zhdanov, which was used by Geib and Elm in The shaded area was the darkroom.
- 9. Laboratory of Dr Andreas in

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- 10. Main entrance (double wing door)
- 11. Telephone switchboard
- 12. Workroom of Kagan, Jevdokimov, Prudovskaya, Bode, and Andreas in
- 13. Hall with enclosure about 1.6 m high
- 14. Stairs to the second floor
- 15. Workroom of Romanov
- 16. Professional Library (Sevastianov was chief of this library)
- 17. Glass blowing shop
- 18. Canteen
- 19. Bitterfeld heavy water column
- 20. Partition which closed off the Bitterfeld column from the rest of the building

ENCLOSURE (F)

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ENCLOSURE (G) Karpov Institute, Lower "Korpus" Second Floor

- 1. Workroom of Prof Borieskov
- 2. Laboratories of Prof Borieskov
- 3. Stretch of corridor (entrance and exit locked).
- 4. Offices of Prof Petrianov
- this was the workroom of Drs Asinger, Scheuer, and, since
- 6. Laboratory of Drs Asinger, Scheuer, and Elm. The shaded square was a darkroom.
- 7. Stairwell

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- 8. Banister
- Lecture room built in amphitheater form. The podium was at the south side.
- 10. Workroom of Prof Ormand
- 11. Toilet
- 12. Staircase
- 13. Corridor
- 14. Bitterfeld heavy water column
- 15. Partition closing off the Bitterfeld column

ENCLOSURE (G)